



Request for Proposal (RFP) Amendment Notification # 1

NOTICE TO ALL CONSULTING ENGINEERING FIRMS

Solicitation Number S-235-18:

SC 72 Bridge Replacement over CSX Railroad in Newberry County

SIA Report Attached Below

IDENTIFICATION			
(1) State Name - SOUTH CAROLINA	Code 454	Sufficiency Rating = 60.7	
(8) Structure Number # 0003640007200100		Functionally Obsolete = NO	
(5) Inventory Route (On/Under) On - 141000720		Structurally Deficient = YES	
(2) State Highway Department District 2			
(3) County Code 71 (4) Place Code 492			
(6) Features Intersected CSX RAIL ROAD			
(7) Facility Carried SC 72			
(9) Location 15.8 MI NW OF NEWBERRY			
(11) Milepoint 2.530			
(12) Base Highway Network -PART OF NET Code 1			
(13) LRS Inventory Route & Subroute 00SC00072000			
(16) Latitude 34 Degrees 30 Minutes 17.00 Seconds			
(17) Longitude 81 Degrees 36 Minutes 53.00 Seconds			
(98) Border Bridge State Code % SHARE %			
(99) Border Bridge Structure No. #			
STRUCTURE TYPE AND MATERIAL			
(43) Structure Type Main: MATERIAL -STEEL CONT Type - 2	Code 402		
(44) Structure Type Appr: MATERIAL -OTHER OR N/A Type - OTHER OR N/A	Code 000		
(45) Number of Spans in Main Unit 3			
(46) Number of Approach Spans 0			
(107) Deck Structure Type -CONCRETE CAST-IN-PLC	Code 1		
(108) Wearing Surface / Protective System:			
A) Type of Wearing Surface - MONO CONCRETE	Code 1		
B) Type of Membrane - UNKNOWN	Code 8		
C) Type of Deck Protection - UNKNOWN	Code 8		
AGE AND SERVICE			
(27) Year Built 1935			
(106) Year Reconstructed			
(42) Type of Service On -HIGHWAY-PEDESTRIAN Under - RAILROAD	Code 2		
(28) Lanes: On Structure = 2 Under Structure = 0			
(29) Average Daily Traffic 2900			
(30) Year of ADT 2015 (109) Truck ADT 08 %			
(19) Bypass, Detour Length 0 MI			
GEOMETRIC DATA			
(48) Length of Maximum Span 48 FT			
(49) Structure Length 118 FT			
(50) Curb or Sidewalk: Left 4.0 FT Right 4.0 FT			
(51) Bridge Roadway Width Curb to Curb 46.3 FT			
(52) Deck Width Out to Out 50.7 FT			
(32) Approach Roadway Width (W/Shoulders) 46 FT			
(33) Bridge Median -NONE	Code 0		
(34) Skew 20 Deg (35) Structure Flared NO			
(10) Inventory Route Min Vert Clear 99 FT 99 IN			
(47) Inventory Route Total Horz Clear 46.3 FT			
(53) Min Vert Clear Over Bridge Roadway 99 FT 99 IN			
(54) Min Vert Underclear Ref - RXR BENEATH 20 FT 7 IN			
(55) Min Lat Underclear Right Ref -RXR BENEATH 14.8 FT			
(56) Min Lat Underclear Left 0.0 FT			
NAVIGATION DATA			
(38) Navigation Control -NONE	Code 0		
(111) Pier Protection -	Code		
(39) Navigation Vertical Clearance FT			
(116) Vert-Lift Bridge Nav Min Vert Clear FT			
(40) Navigation Horizontal Clearance FT			
CLASSIFICATION			
(112) NBIS Bridge Length -	YES		
(104) Highway System - NHS	1		
(26) Functional Class - RURAL-PRIN ART-OTH	02		
(100) Strahnet Highway - NOT STRAH HWY	0		
(101) Parallel Structure - NONE EXIST	N		
(102) Direction of Traffic - 2-WAY TRAFFIC	2		
(103) Temporary Structure -			
(105) Federal Lands Highways -N/A	0		
(110) Designated National Network -YES	1		
(20) Toll - ON FREE ROAD	3		
(21) Maintain - SCDOT	1		
(22) Owner - SCDOT	1		
(37) Historical Significance -NOT DETERMINABLE	4		
CONDITION			
(58) Deck - FAIR	5		
(59) Superstructure - POOR	4		
(60) Substructure - FAIR	5		
(61) Channel and Channel Protection -N/A	N		
(62) Culverts - NOT APPLICABLE	N		
LOAD RATING AND POSTING			
(31) Design Load - H 15	2		
(64) Operating Rating - LF	46		
(66) Inventory Rating - LF	28		
(70) Bridge Posting - EQUAL/ABOVE LEGAL LOADS	5		
(41) Structure Open, Posted or Closed - Description -OPEN, NO RESTRICT	A		
APPRAISAL			
(67) Structure Evaluation - MEETS MIN TOLER LIMITS	4		
(68) Deck Geometry	9		
(69) Underclearances, Vertical and Horizontal	4		
(71) Waterway Adequacy	N		
(72) Approach Roadway Alignment	8		
(36) Traffic Safety Features	0000		
(113) Scour Critical Bridges - NOT OVER WATERWAY	N		
PROPOSED IMPROVEMENTS			
(75) Type of Work - REHAB/DETERIORATION	Code 351		
(76) Length of Structure Improvement	146.7 FT		
(94) Bridge Improvement Cost	\$188,000		
(95) Roadway Improvement Costs	\$9,000		
(96) Total Project Cost	\$207,000		
(97) Year of Improvement Cost Estimate	2016		
(114) Future ADT	5046		
(115) Year of Future ADT	2035		
INSPECTIONS			
(90) Inspection Date 07/2016 (91) Frequency 24 Mo			
(92) Critical Feature Inspection: (93) CFI Date			
A) Fracture Crit Detail NO Mo A)			
B) Underwater Insp NO Mo B)			
C) Other Special Insp NO Mo C)			